

### **Amendments to the Claims**

This listing of claims will replace all prior version, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Currently Amended) A method for modifying a chromosome in a yeast comprising:  
preparing a linear chromosome splitting vector (1) having a target sequence (a), a marker gene sequence and  $(C_4A_2)_n$  sequence ( $\underline{ax}$ ) in this order;  
preparing a linear chromosome splitting vector (2) having a target sequence (b), a centromere sequence of a yeast chromosome and  $(C_4A_2)_n$  sequence ( $\underline{by}$ ) in this order; and  
introducing the chromosome splitting vectors (1) and (2) into a yeast,  
wherein n is each independently an integer of 6 to 10.
2. (Original) The method according to claim 1, wherein the chromosome splitting vectors (1) and (2) are vectors obtained by PCR.
3. (Currently Amended) The method according to claim 1, wherein n of both  $(C_4A_2)_n$  sequences ( $\underline{ax}$ ) and ( $\underline{by}$ ) is 6.
4. (Currently Amended) The method according to claim 2, wherein n of both  $(C_4A_2)_n$  sequences ( $\underline{ax}$ ) and ( $\underline{by}$ ) is 6.
5. (Currently Amended) The method according to claim 1, wherein modification of the chromosome is caused by splitting and/or loss of ~~a~~-the yeast chromosome.
6. (Currently Amended) The method according to claim 2, wherein modification of the chromosome is caused by splitting and/or loss of ~~a~~-the yeast chromosome.
7. (Currently Amended) The method according to claim 3, wherein modification of the chromosome is caused by splitting and/or loss of ~~a~~-the yeast chromosome.